

JAN 25 2007

2

Docket No. OAV-103XC1
Serial No. 10/823,468In the Specification

Please insert the following paragraphs at page 6, line 26:

Figure 9 shows a view of an embodiment of the invention that is situated in a patient in accordance with the invention.

Figures 10A-10D show perspective, side views of embodiments of the catheter of the present invention having ridges and spokes therein.

Please replace the paragraph at page 9, line 16 with the following:

In another embodiment of the present invention, at least one elongate ridge **70** (see Figures 7 and 10A, 10C) that runs substantially the length of the catheter and is attached between the outer surface of the tubular first wall **5** of the arterial lumen **10** and the inner surface of the tubular second wall **15** of the venous lumen **20**. The ridges **70** secure the position of the venous lumen **20** with respect to the arterial lumen **10**. In addition, the ridges **70** provide a means for maintaining an aperture of the venous lumen **20** through which returning fluid can be provided to the patient's body.

Please replace the paragraph at page 9, line 23 with the following:

In another embodiment of the present invention, as illustrated in Figures 8 and 10B, 10D, at least one spoke **75** can be provided between the outer surface of the tubular first wall **5** of the arterial lumen **10** and the inner surface of the tubular second wall **15** of the venous lumen **20** to maintain an aperture of the venous lumen **20** (*i.e.*, an aperture located at the termination point of the distal end of a venous lumen). In certain embodiments, a plurality of spokes **75** is provided in intermittent positions, equidistant from each other, along the circumference of the termination point of a venous

J:\OAV\103XC1\amend.doc1a

lumen, wherein the spokes are situated between the inner surface of the tubular second wall of the venous lumen and the outer surface of the tubular first wall of the arterial lumen. In other embodiments, a plurality of spokes **75** is located along the length of the venous lumen, wherein the spokes are located between the inner surface of the tubular second wall of the venous lumen and the outer surface of the tubular first wall of the arterial lumen.

Please replace the paragraph t page 11, line 17 with the following:

In a preferred embodiment, a small incision is made in a large vein (*i.e.*, jugular vein). The catheter of the subject invention is then inserted through the incision so that the first/arterial lumen of a catheter is placed within the right atrium **100** of the patient's heart and the second/venous lumen is placed within the superior or inferior vena cava **105** (see Figure 9).

J:\OAV\103XC1\amend.doc1a